

1/20

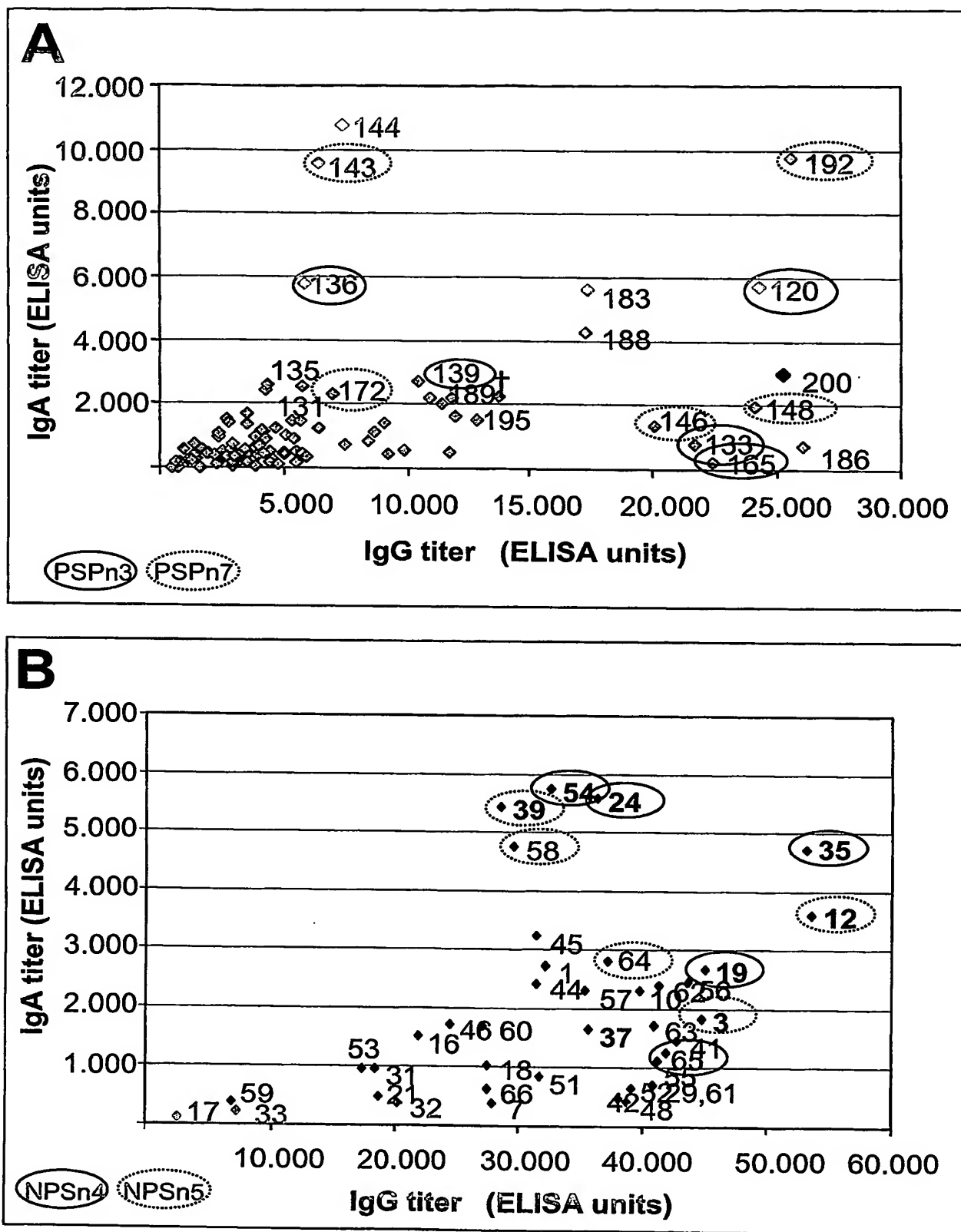


Fig. 1

BEST AVAILABLE COPY

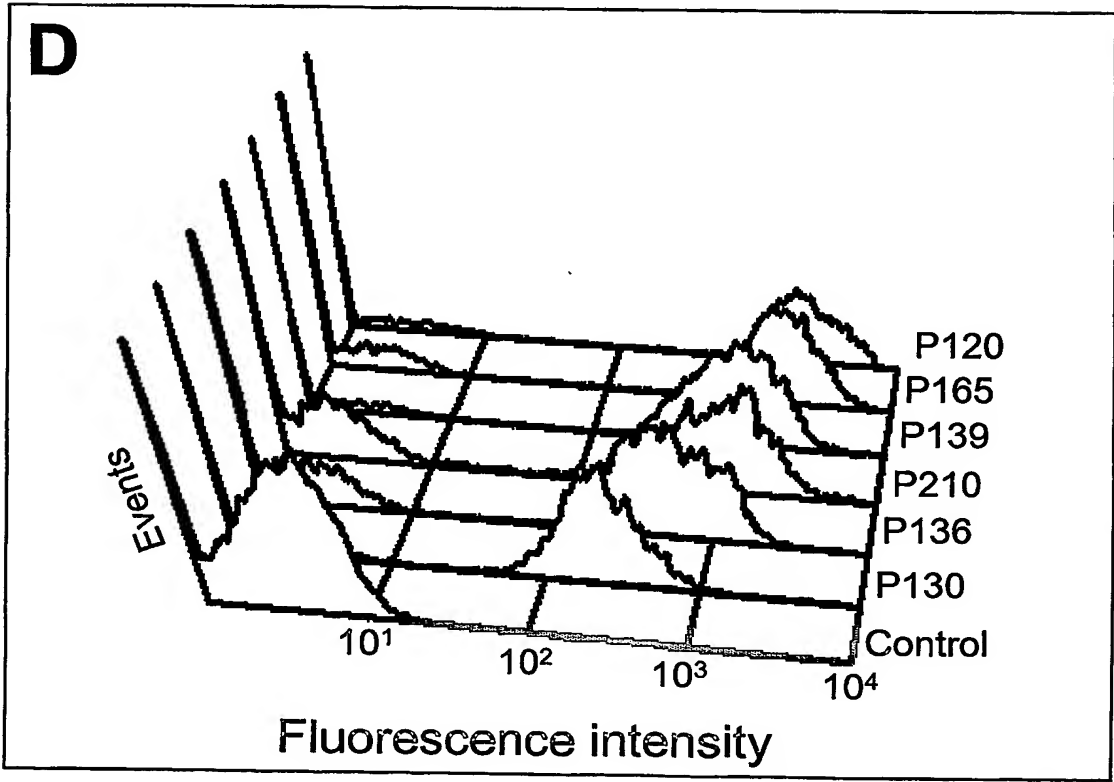
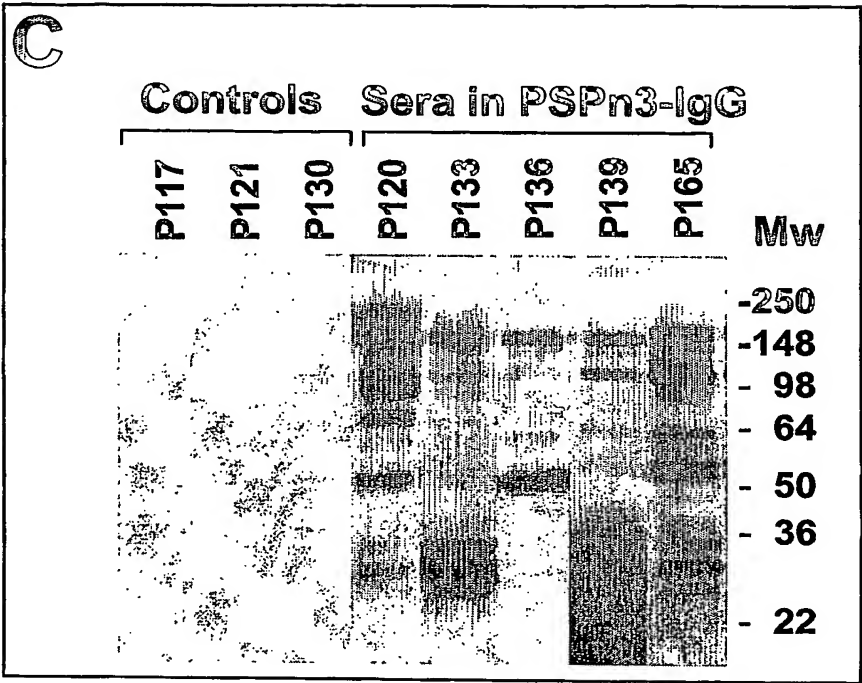


Fig.1

3/20

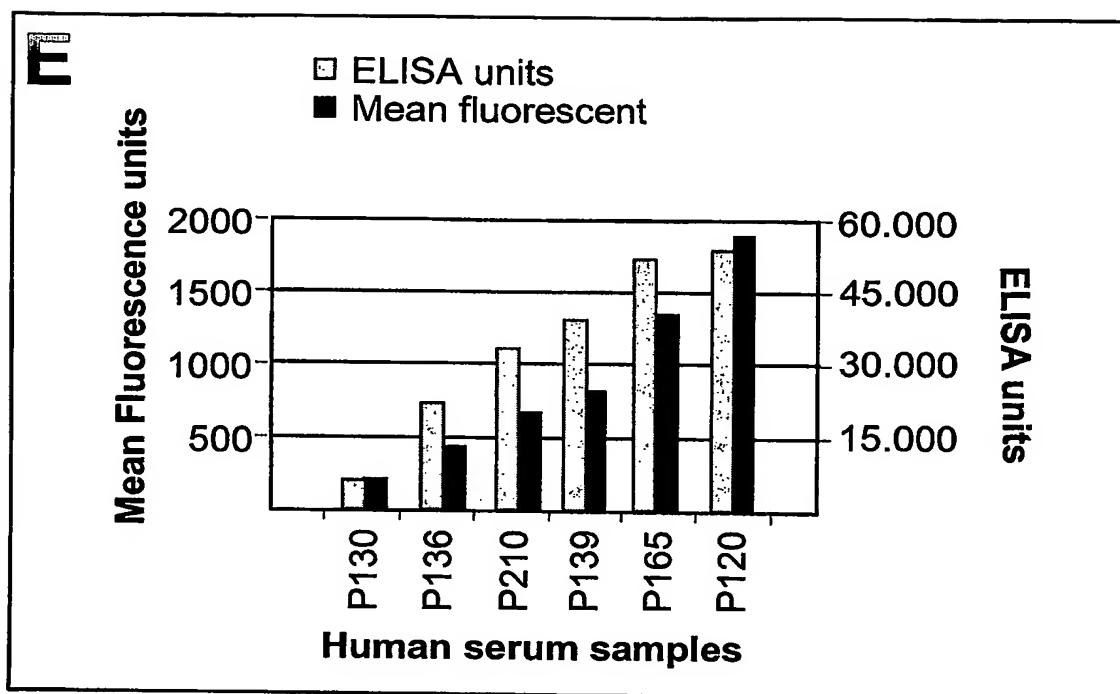


Fig.1

4/20

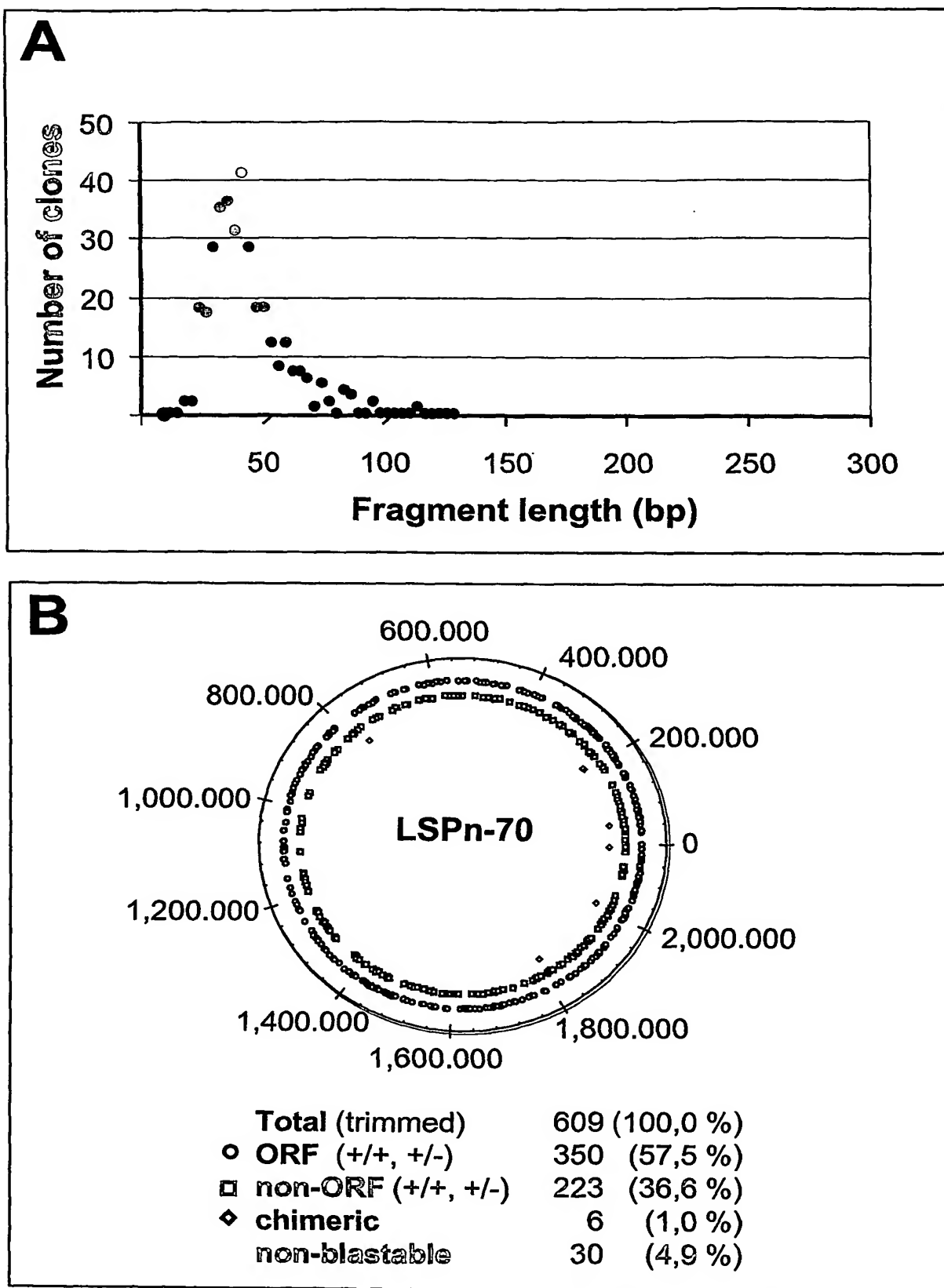


Fig. 2

5/20

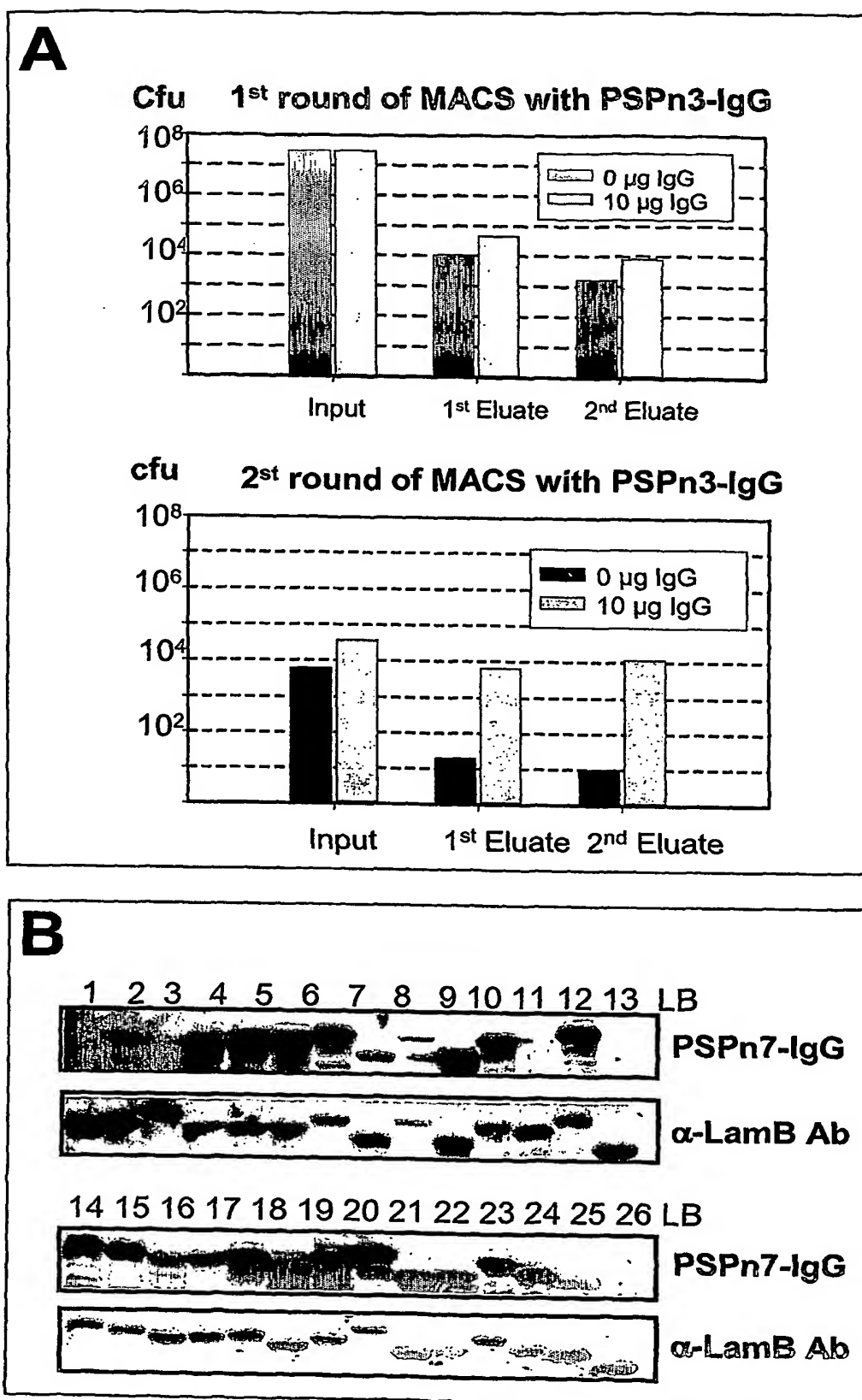


Fig. 3

6/20

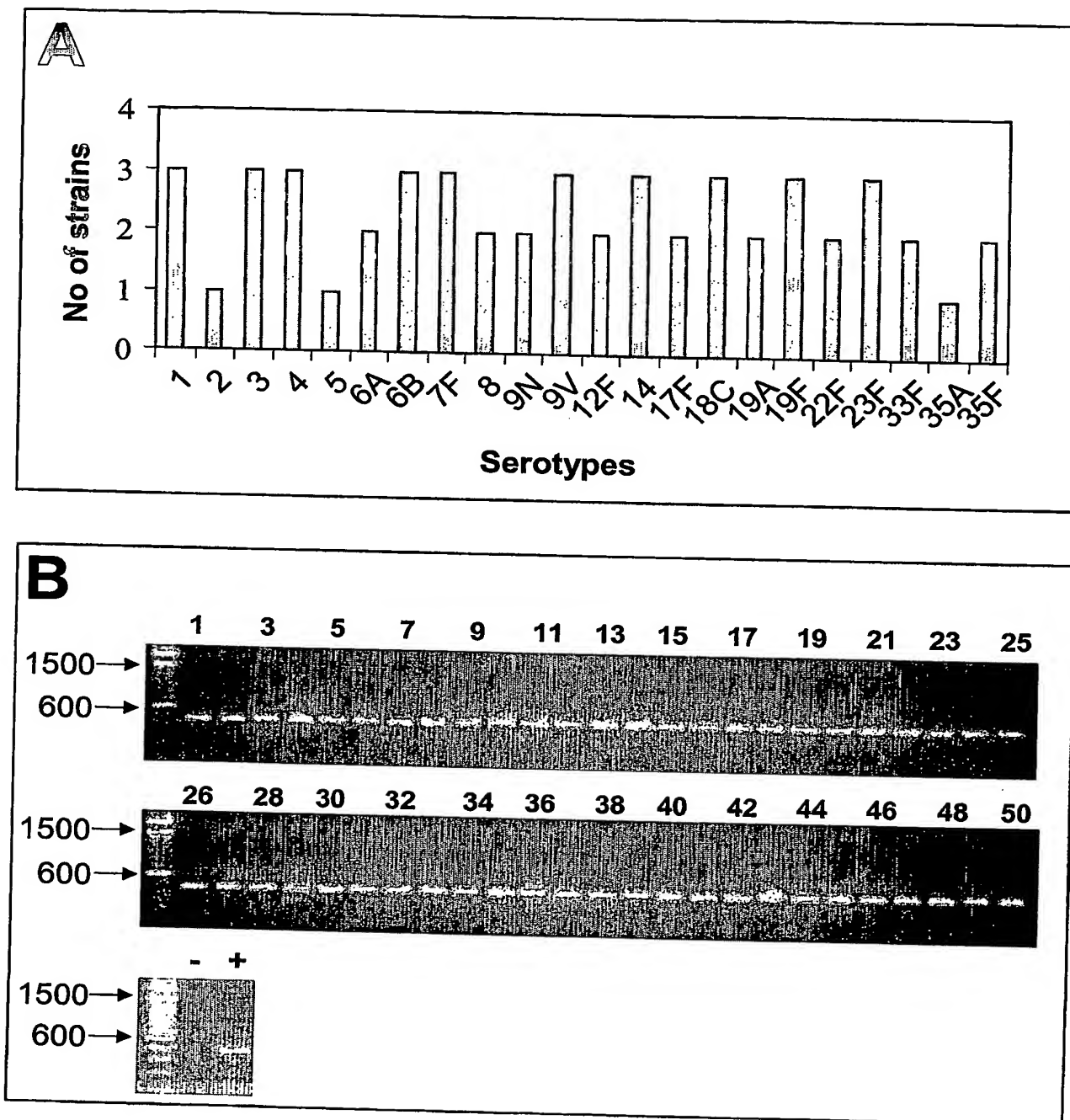


Fig. 4

7/20

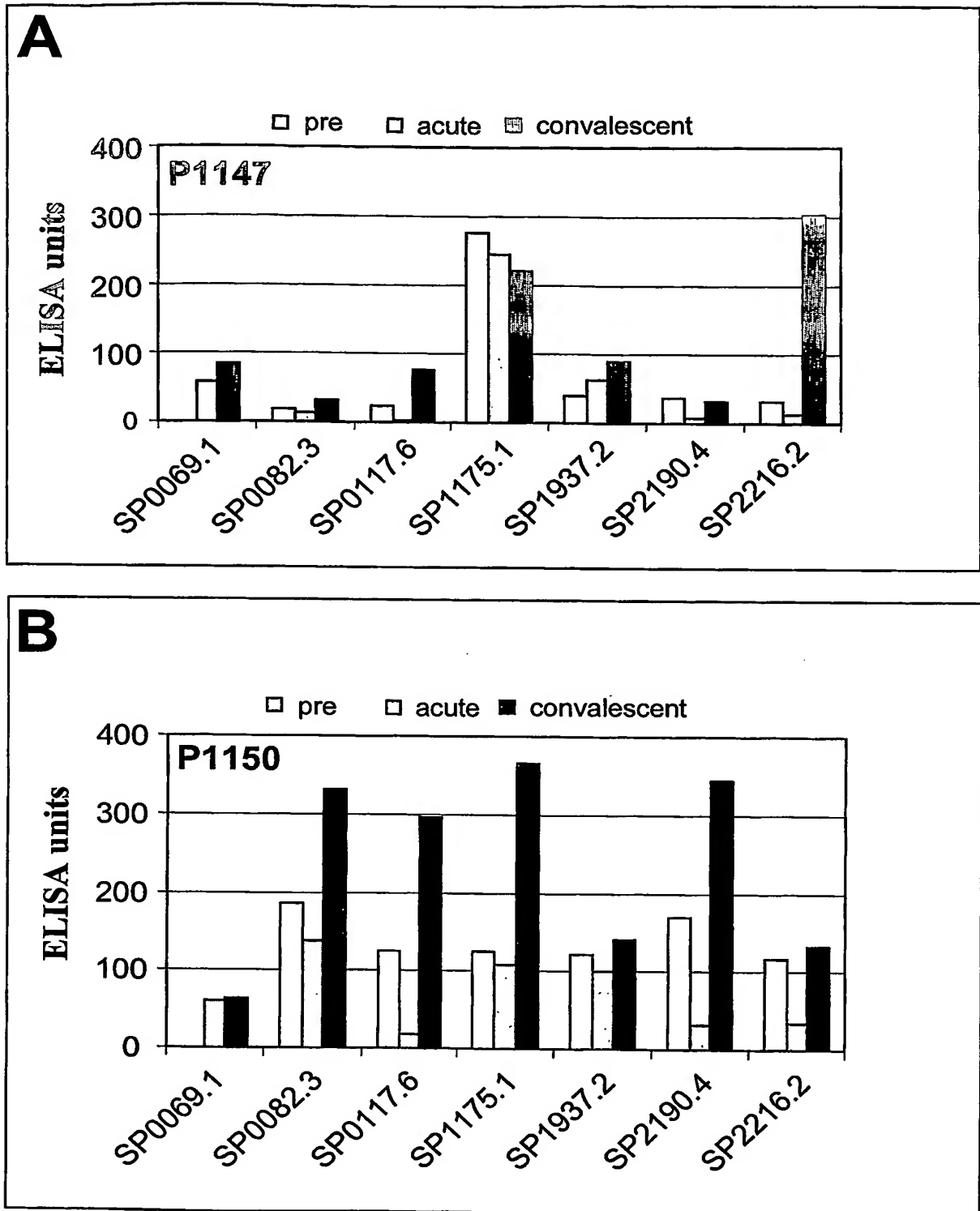


Fig. 5

8/20

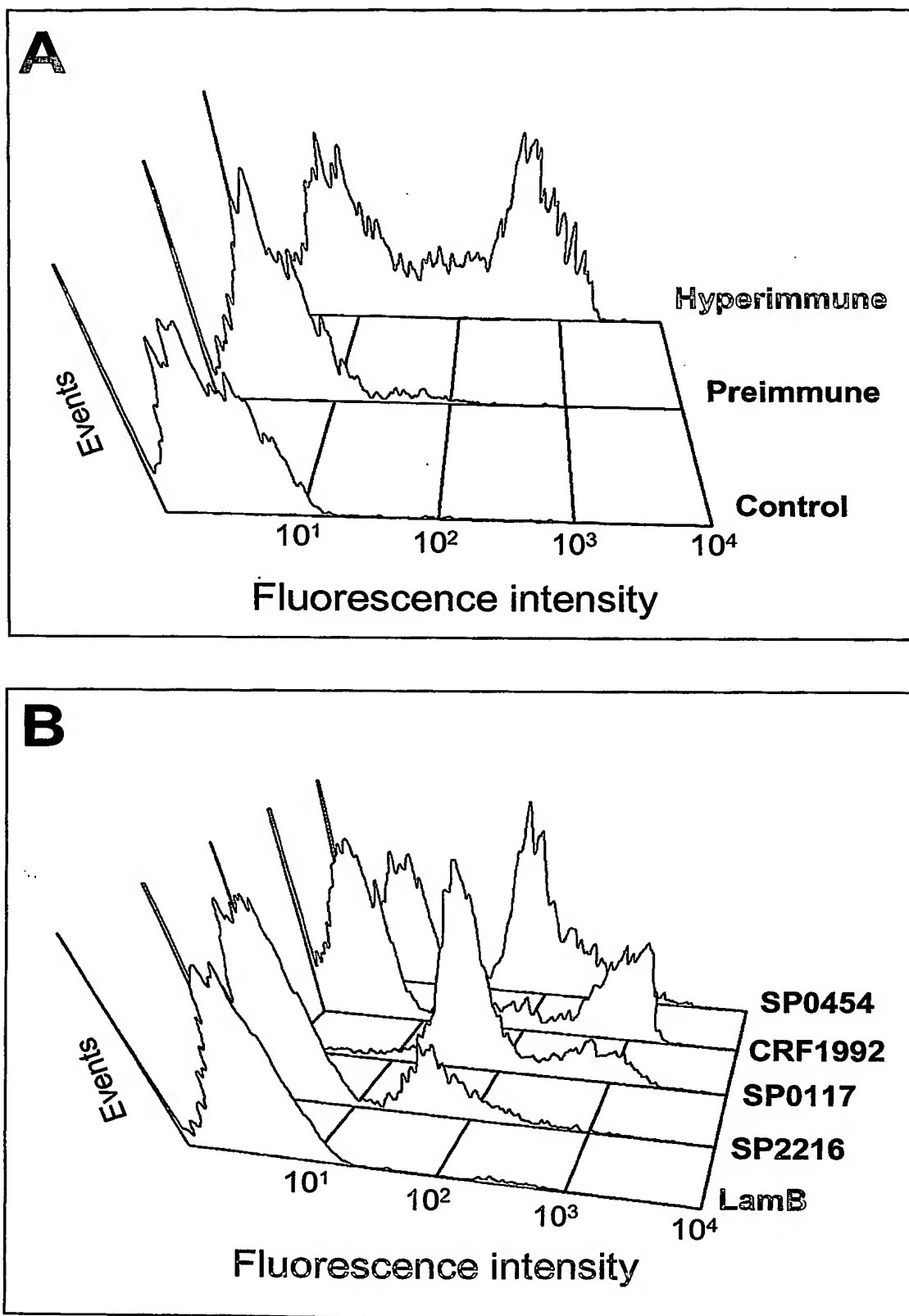


Fig. 6

9/20

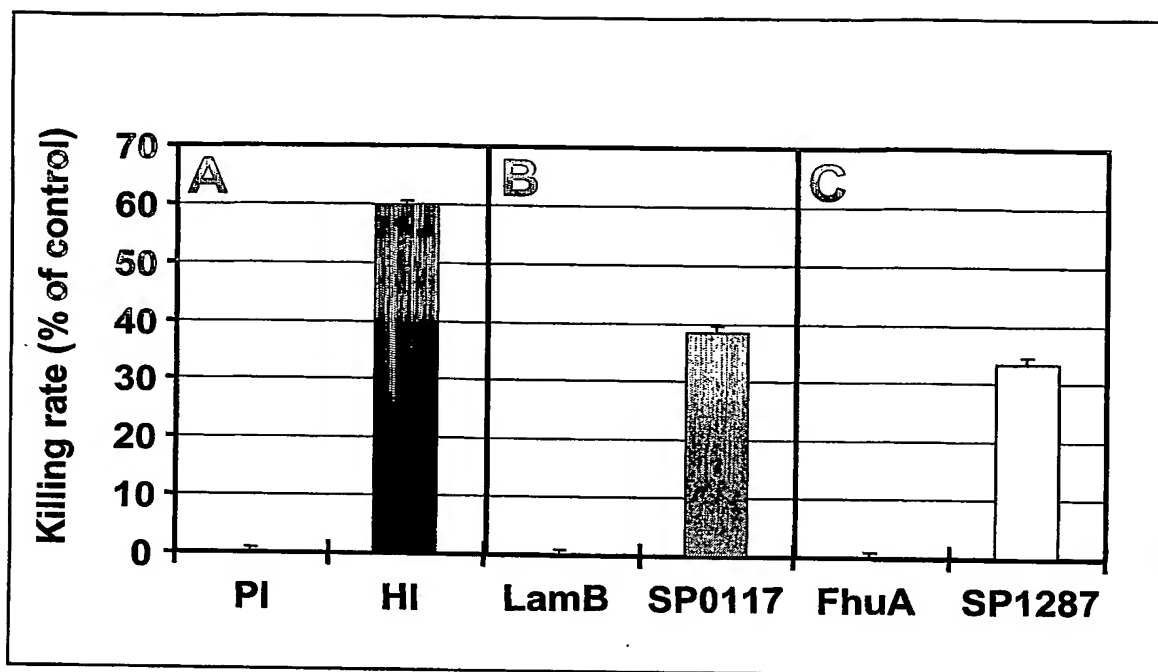


Fig. 7

10/20

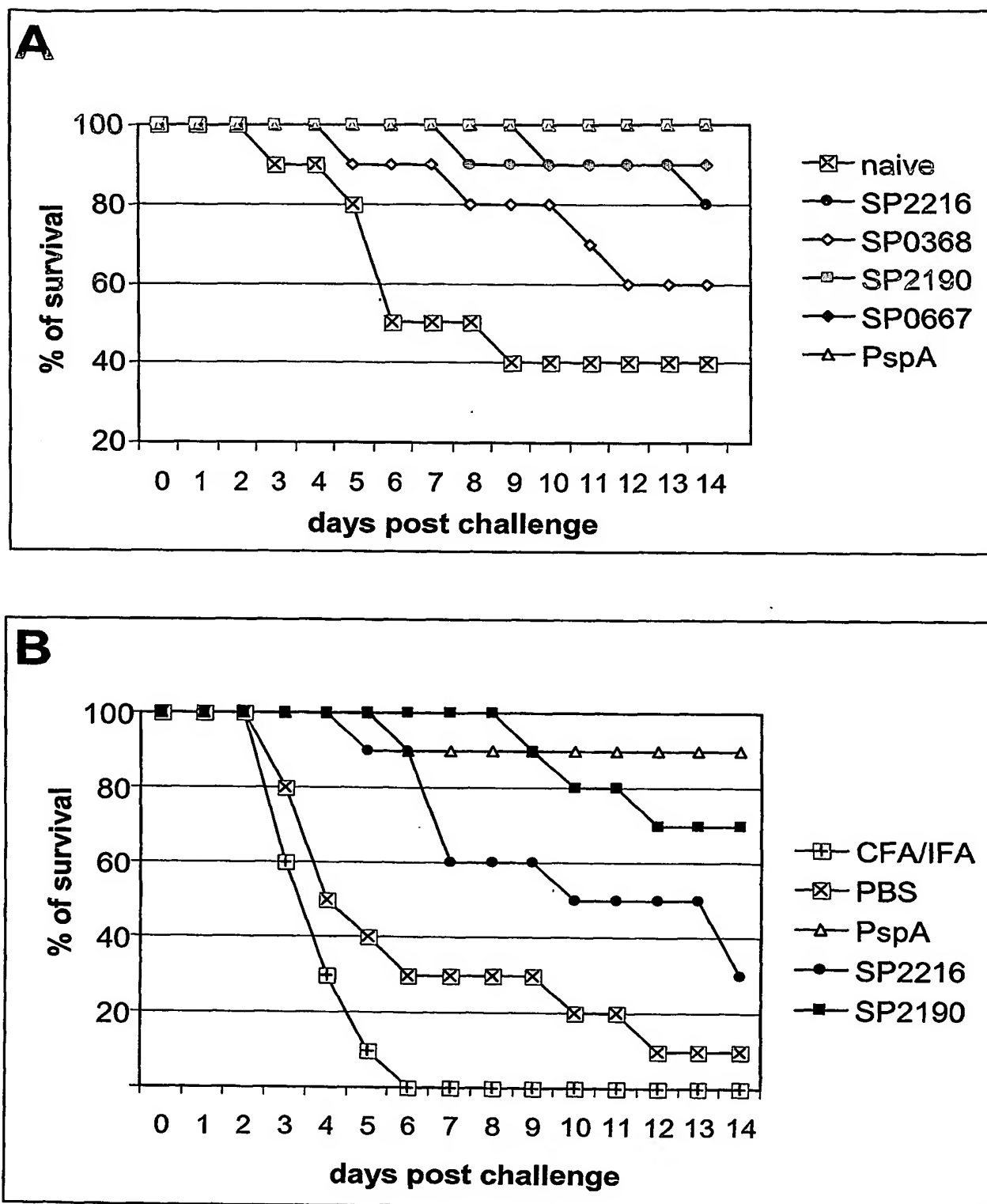


Fig. 8

11/20

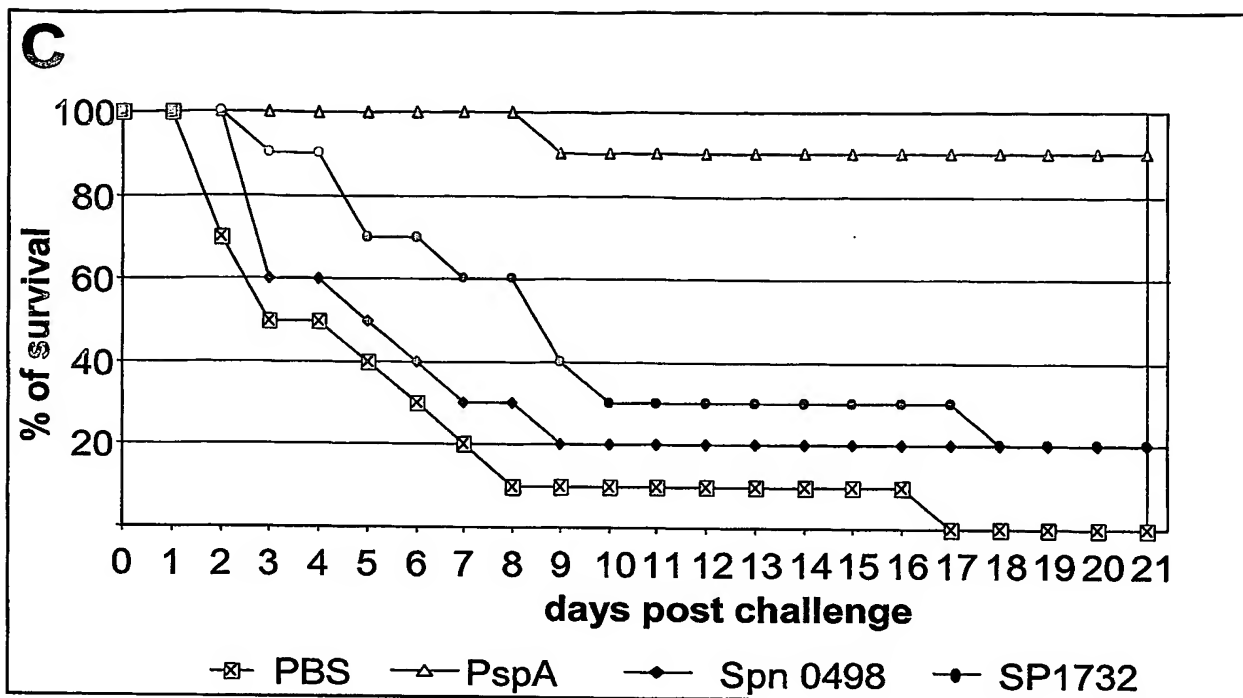


Fig. 8

12/20

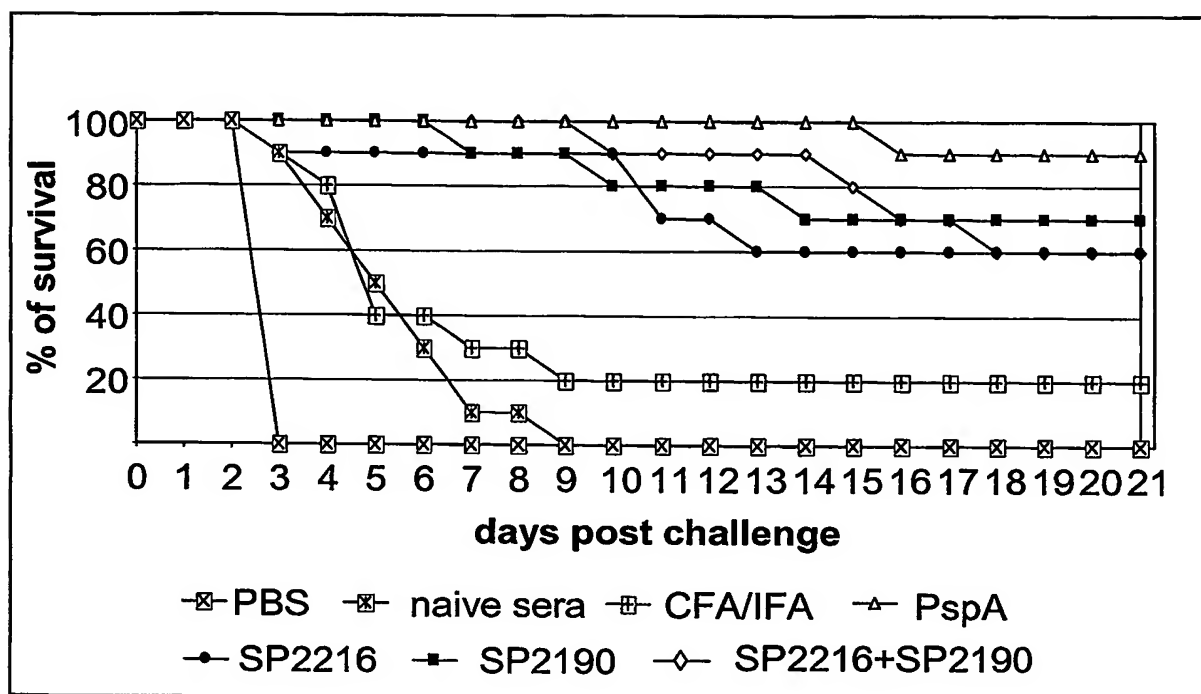


Fig. 9

13/20

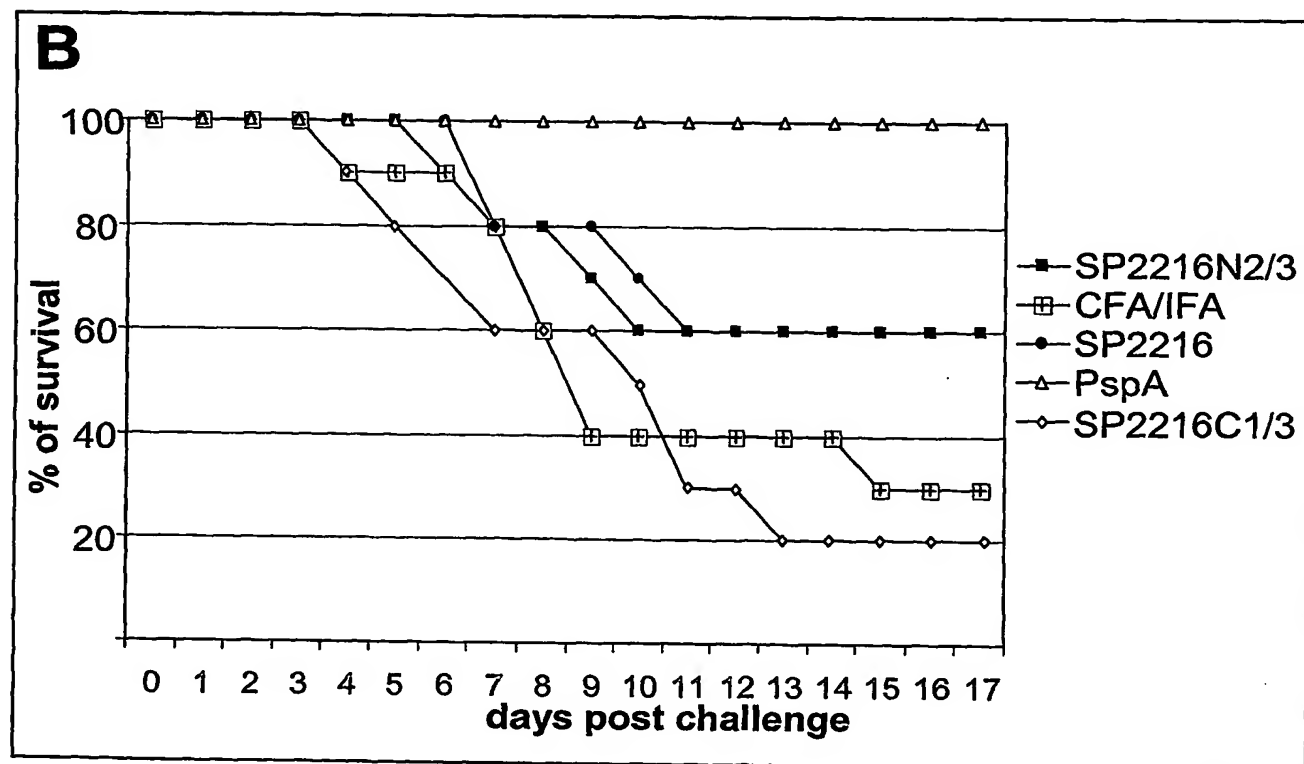
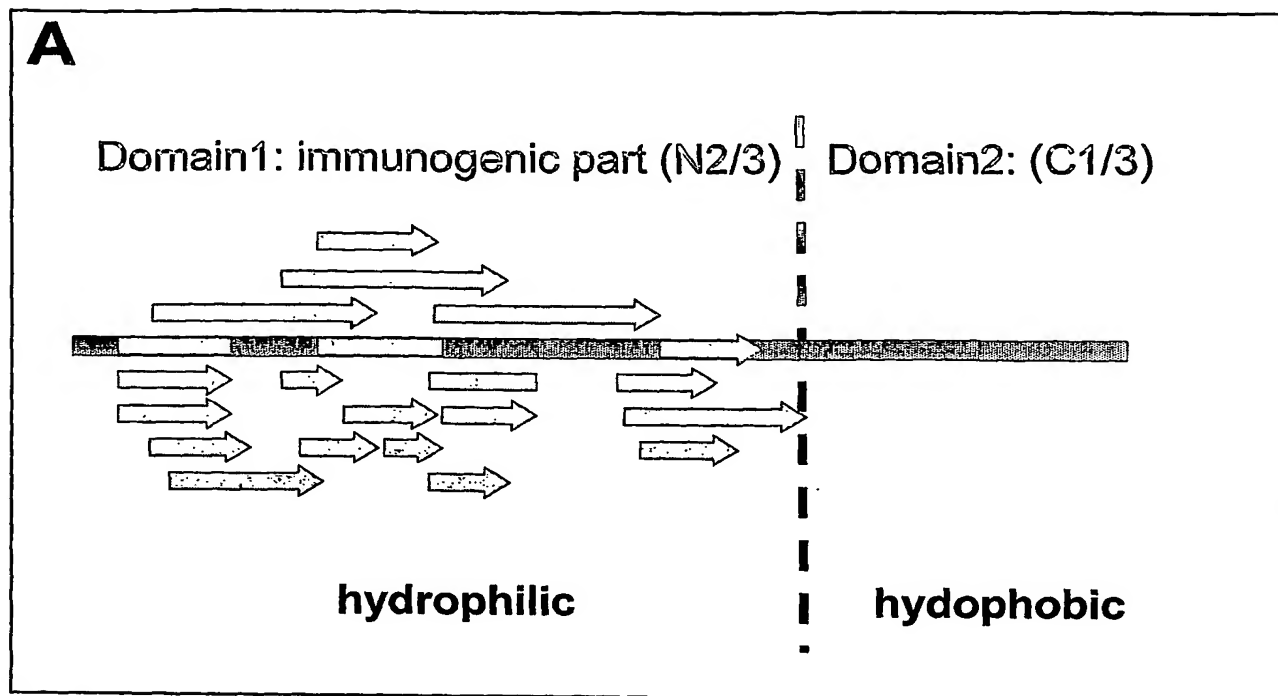


Fig. 10

14/20

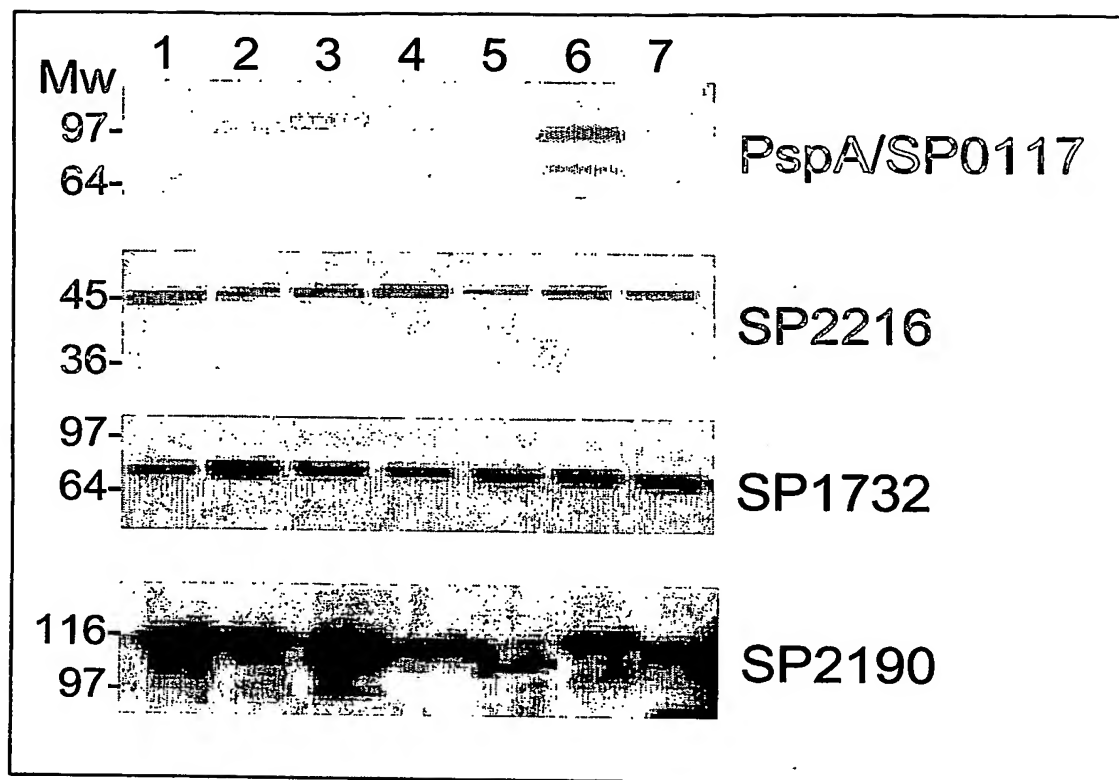


Fig. 11

1	90
TIGR4	MIQIGKIFAG RYRIVKQIGR GGMADVYLAK DLILDGEEVA VKVLRITNYQT DPIAVARFQREARAMADLDH PHIVRITDIG EEDGQQYLAM
4	MIQIGKIFAG RYRIVKQIGR GGMADVYLAK DLILDGEEVA VKVLRITNYQT DPIAVARFQREARAMADLDH PHIVRITDIG EEDGQQYLAM
6B	MIQIGKIFAG RYRIVKQIGR GGMADVYLAK DLILDGEEVA VKVLRITNYQT DPIAVARFQREARAMADLDH PHIVRITDIG EEDGQQYLAM
9V	MIQIGKIFAG RYRIVKQIGR GGMADVYLAK DLILDGEEVA VKVLRITNYQT DPIAVARFQREARAMADLDH PHIVRITDIG EEDGQQYLAM
18C	MIQIGKIFAG RYRIVKQIGR GGMADVYLAK DLILDGEEVA VKVLRITNYQT DPIAVARFQREARAMADLDH PHIVRITDIG EEDGQQYLAM
R6	MIQIGKIFAG RYRIVKQIGR GGMADVYLAK DLILDGEEVA VKVLRITNYQT DPIAVARFQREARAMADLDH PHIVRITDIG EEDGQQYLAM
91	180
TIGR4	EYVAGLDLKR YIKEHYPLSN EEAVRIMGQI LLAMRLAHTRGIVHRDLKPQ NILITPDGTA KVTDFGIAVA FAETSLTQTN SMLGSVHYLS
4	EYVAGLDLKR YIKEHYPLSN EEAVRIMGQI LLAMRLAHTRGIVHRDLKPQ NILITPDGTA KVTDFGIAVA FAETSLTQTN SMLGSVHYLS
6B	EYVAGLDLKR YIKEHYPLSN EEAVRIMGQI LLAMRLAHTRGIVHRDLKPQ NILITPDGTA KVTDFGIAVA FAETSLTQTN SMLGSVHYLS
9V	EYVAGLDLKR YIKEHYPLSN EEAVRIMGQI LLAMRLAHTRGIVHRDLKPQ NILITPDGTA KVTDFGIAVA FAETSLTQTN SMLGSVHYLS
18C	EYVAGLDLKR YIKEHYPLSN EEAVRIMGQI LLAMRLAHTRGIVHRDLKPQ NILITPDGTA KVTDFGIAVA FAETSLTQTN SMLGSVHYLS
R6	EYVAGLDLKR YIKEHYPLSN EEAVRIMGQI LLAMRLAHTRGIVHRDLKPQ NILITPDGTA KVTDFGIAVA FAETSLTQTN SMLGSVHYLS
181	270
TIGR4	PEQARGSKAT VQSDIYAMGI IFYEMLTGHI PYDGDSAVTI ALQHFQKPLP SVIAENPSVP QALENVIKA TAKKLTNRYR SVSEMYVDLS
4	PEQARGSKAT VQSDIYAMGI IFYEMLTGHI PYDGDSAVTI ALQHFQKPLP SVIAENPSVP QALENVIKA TAKKLTNRYR SVSEMYVDLS
6B	PEQARGSKAT VQSDIYAMGI IFYEMLTGHI PYDGDSAVTI ALQHFQKPLP SVIAENPSVP QALENVIKA TAKKLTNRYR SVSEMYVDLS
9V	PEQARGSKAT VQSDIYAMGI IFYEMLTGHI PYDGDSAVTI ALQHFQKPLP SVIAENPSVP QALENVIKA TAKKLTNRYR SVSEMYVDLS
18C	PEQARGSKAT VQSDIYAMGI IFYEMLTGHI PYDGDSAVTI ALQHFQKPLP SVIAENPSVP QALENVIKA TAKKLTNRYR SVSEMYVDLS
R6	PEQARGSKAT VQSDIYAMGI IFYEMLTGHI PYDGDSAVTI ALQHFQKPLP SVIAENPSVP QALENVIKA TAKKLTNRYR SVSEMYVDLS
271	360
TIGR4	SSLSYNRRNE SKLIFDETSK ADTKTLPKVS QSTLTSIPKV QAQTEHKSINPSQAVTEET YQOQAPKKHR FKMRYLILIA SLVLVAASLI
4	SSLSYNRRNE SKLIFDETSK ADTKTLPKVS QSTLTSIPKV QAQTEHKSINPSQAVTEET YQOQAPKKHR FKMRYLILIA SLVLVAASLI
6B	SSLSYNRRNE SKLIFDETSK ADTKTLPKVS QSTLTSIPKV QAQTEHKSINPSQAVTEET YQOQAPKKHR FKMRYLILIA SLVLVAASLI
9V	SSLSYNRRNE SKLIFDETSK ADTKTLPKVS QSTLTSIPKV QAQTEHKSINPSQAVTEET YQOQAPKKHR FKMRYLILIA SLVLVAASLI
18C	SSLSYNRRNE SKLIFDETSK ADTKTLPKVS QSTLTSIPKV QAQTEHKSINPSQAVTEET YQOQAPKKHR FKMRYLILIA SLVLVAASLI
R6	SSLSYNRRNE SKLIFDETSK ADTKTLPKVS QSTLTSIPKV QAQTEHKSINPSQAVTEET YQOQAPKKHR FKMRYLILIA SLVLVAASLI

Fig. 13

TIGR4	4 6B 9V 18C R6	361	WILSRTPATI	AIPDVAGQTV	AEAKATLKKA	NFEIGEECTE	ASEKVEEGRI	IRTDPGAGTG	RKEGTKINLV	VSSGKQSFQI	450	SNYVGRKSSD
			WILSRTPATI	AIPDVAGQTV	AEAKATLKKA	NFEIGEECTE	ASEKVEEGRI	IRTDPGAGTG	RKEGTKINLV	VSSGKQSFQI		SNYVGRKSSD
			WILSRTPATI	AIPDVAGQTV	AEAKATLKKA	NFEIGEECTE	ASEKVEEGRI	IRTDPGAGTG	RKEGTKINLV	VSSGKQSFQI		SNYVGRKSSD
			WILSRTPATI	AIPDVAGQTV	AEAKATLKKA	NFEIGEECTE	ASEKVEEGRI	IRTDPGAGTG	RKEGTKINLV	VSSGKQSFQI		SNYVGRKSSD
			WILSRTPATI	AIPDVAGQTV	AEAKATLKKA	NFEIGEECTE	ASEKVEEGRI	IRTDPGAGTG	RKEGTKINLV	VSSGKQSFQI		SNYVGRKSSD
			WILSRTPATI	AIPDVAGQTV	AEAKATLKKA	NFEIGEECTE	ASEKVEEGRI	IRTDPGAGTG	RKEGTKINLV	VSSGKQSFQI		SNYVGRKSSD
TIGR4	4 6B 9V 18C R6	451	VIAELKEKKV	PDNLKIEEEE	ESNESEAGTV	LKQSLPEGTT	YDLSKATQIV	LTVAKKATTI	QLGNYIGRNS	TEVISELKQK	540	KVPENLIKIE
			VIAELKEKKV	PDNLKIEEEE	ESNESEAGTV	LKQSLPEGTT	YDLSKATQI-	-----	-----	-----		-----
			VIAELKEKKV	PDNLKIEEEE	ESNESEAGTV	LKQSLPEGTT	YDLSKATQIV	LTVAKKATTI	QLGNYIGRNS	TEVISELKQK		KVPENLIKIE
			VIAELKEKKV	PDNLKIEEEE	ESNESEAGTV	LKQSLPEGTT	YDLSKATQIV	LTVAKKATTI	QLGNYIGRNS	TEVISELKQK		KVPENLIKIE
			VIAELKEKKV	PDNLKIEEEE	ESNESEAGTV	LKQSLPEGTT	YDLSKATQII	LTVAKKATTI	QLGNYIGRNS	TEVISELKQK		KVPENLIKIE
			VIAELKEKKV	PDNLKIEEEE	ESNESEAGTV	LKQSLPEGTT	YDLSKATQIV	LTVAKKATTI	QLGNYIGRNS	TEVISELKQK		KVPENLIKIE
TIGR4	4 6B 9V 18C R6	541	EEESSESEPG	TIMKQSPGAG	TTYDVSKPTQ	IVLTVAKKVT	SVAMPSYIGS	SLEFTKNNLI	QIVGIKEANI	EVVEVTTTAPA	630	GSAEGMVVEQ
			-----	-----	-----	-VLTVAKKVT	SVAMPSYIGS	SLEFTKNNLI	QIVGIKEANI	EVVEVTTTAPA		GSAEGMVVEQ
			EEESSESEPG	TIMKQSPGAG	TTYDVSKPTQ	IVLTVAKKVT	SVAMPSYIGS	SLEFTKNNLI	QIVGIKEANI	EVVEVTTTAPA		GSVEGMVVEQ
			EEESSESEPG	TIMKQSPGAG	TTYDVSKPTQ	IVLTVAKKVT	SVAMPSYIGS	SLEFTKNNLI	QIVGIKEANI	EVVEVTTTAPA		GSAEGMVVEQ
			EEESSESEPG	TIMKQSPGAG	TTYDVSKPTQ	IVLTVAKKVT	SVAMPSYIGS	SLEFTKNNLI	QIVGIKEANI	EVVEVTTTAPA		GSAEGMVVEQ
			EEESSESEPG	TIMKQSPGAG	TTYDVSKPTQ	IVLTVAKKVT	SVAMPSYIGS	SLEFTKNNLI	QIVGIKEANI	EVVEVTTTAPA		GSVEGMVVEQ
TIGR4	4 6B 9V 18C R6	631	SPRAGEKVDL	NKTRVKISII	KPKTTSATP	659						
			SPRAGEKVDL	NKTRVKISII	KPKTTSATP							
			SPRAGEKVDL	NKTRVKISII	KPKTTSATP							
			SPRAGEKVDL	NKTRVKISII	KPKTTSATP							
			SPRAGEKVDL	NKTRVKISII	KPKTTSATP							
			SPRAGEKVDL	NKTRVKISII	KPKTTSATP							

Fig. 13

A	TIGR4 R6 4 9V 14 18C 19F 23F Consensus	1	MFASKSERKV	HYSIRKFSVG	VASVVVASLV	MGSVVHATEN	EGATQVPTSS	NRANESQAEQ	GEQPKKLDSE	RDKARKEVEE	YVKKIVGESY	90
			MFASKSERKV	HYSIRKFSIG	VASVAVASLV	MGSVVHATEN	EGSTQAAATSS	NMAKTEH---	-----	RKAQKQVUDE	YIEKMLRE--	
			MFASKSERKV	HYSIRKFSVG	VASVVVASLV	MGSVVHATEN	EGATQVPTSS	NRANESQAEQ	GEQPKKLDSE	RDKARKEVEE	YVKKIVGESY	
			MFASKSERKV	HYSIRKFSVG	VASVAVASLV	MGSVVHATEN	ERTTQVPTSS	NRGKPER---	-----	RKAABQF-DE	YINKM-----	
			MFASKSERKV	HYSIRKFSIG	VASVAVASLF	LGGVVHA-EG	VRSENTPKVT	SSGDE---	-----	-----VDE	YIKKMLSE--	
			MFASKSERKV	HYSIRKFSIG	VASVAVASLV	MGSVVHATEK	EVTQVPTYS	NMAKTEH---	-----	RKAQKQVUDE	YIEKMLRE--	
			MFASKSERKV	HYSIRKFSIG	VASVAVASLF	LGGVVHA-EG	VRSENTPKVT	SSGDE---	-----	-----VDE	YIKKMLSE--	
			MFASKSERKV	HYSIRKFSIG	VASVAVASLV	MGSVVHATEK	EVTQVATSS	NKANKSQ---	-----	HMKAQKQVDE	YIKKML---	
			MFASKSERKV	HYSIRKFSIG	VASVAVASLV	\$GsvvHate.	e..t#vptss	n.a.e.....	.....	r..a....v#E	Yikml.e..	
		91										
	TIGR4 R6 4 9V 14 18C 19F 23F Consensus		AKSTKKRHTI	TVALVNLNN	IKNEYLNKI-	VESTSESQIQ	ILMMESRSKV	DEAVSKFEKD	SSSSSSSSDSS	TKPEASDTAK	PNKPTPEGK	180
			IQLDRRKHTQ	NVALNIKLSA	IKTKYLREL-	-NVLEEKSKD	ELPSEIKAKL	DAAFKFKKD	T-----	-----	-----LKPGEK	
			AKSTKKRHTI	TVALVNLNN	IKNEYLNKI-	VESTSESQIQ	ILMMESRSKV	DEAVSKFEKD	SPSSSSSSDSS	TKPE	-----	
			IQLDRRKHTQ	NLAFNIQLSR	IKTEYLNGL-	----KEKSEA	ELPSKIKAE	DAAFKQFKKD	TLPTPE---	-----	-----KQVABAEKK	
			IQLDRRKHTH	NFALNLKLSR	IKTEYLYKLK	VNVLEEKSKA	ELTSKTKKEV	DAAFKFKKD	T-----	-----	-----LKLGEK	
			IQLDRRKHTQ	NFAFNMKLSA	IKTEYLYGL-	----KEKSEA	ELPSS-EAEL	PSEVKA-KLD	AAFEQFK---	-----	-----KDTIKLGEK	
			IQLDRRKHTH	NFALNLKLSR	IKTEYLYKLK	VNVLEEKSKA	ELTSKTKKEV	DAAFKFKKD	T-----	-----	-----LKLGEK	
			-QLDRRKHTQ	NVGLLTKLGV	IKTEYLYHGL-	-SVSKKKSEA	ELPSEIKAKL	DAAFKQFKKD	TLP-----	-----	-----TEPGKK	
			igldkrkht.	n.aln.kls.	IKTEYL.kl.	v....eks.a	eL.s..k.ev	daaf.kfkkd	t.....	....	.....gek	
		181										
	TIGR4 R6 9V 14 18C 19F 23F Consensus		VAEAKKKVVEE	AEKKAKDQKE	EDRRNYPTIT	YKTLLELEIAE	SDVEVKKAEL	ELVKVKANEP	RDEQIKQAE	AEVESKQAEA	TRLKKIKTDR	270
			VAEAKKKVVEE	AKKKAEDQKE	EDRRNYPTNT	YKTLLELEIAE	FDVKVKEAEL	ELVKEEAKES	RNEGTIQAK	EKVESKKAEA	TRLENIKTDR	
			VEEAEEKVVAE	AKKKAQAQKE	EDHRNYPTIT	YKTLDLLEIAE	FDVKVKEAEL	ELVKEADES	RNEGTINGAK	AKVESEKAEA	TRLKKIKTDR	
			VAEAQKKVVEE	AKKKAQDQKE	EDHRNYPTNT	YKTLLELEIAE	SDVKVKEAEL	ELLKEEA-KT	RNEDTINGAK	AKVSEKQAEA	TRLKKIKTDR	
			VAEAEEKVVAE	AEKKKAQAQKE	EDRRNYPTIT	YKTLLELEIAE	SDVEVKKAEL	ELLKEEA-KT	RNKDTIQAK	AKVSEKQAEA	TRLKKIKTDR	
			VAEAQKKVVEE	AKKKAQDQKE	EDHRNYPTNT	YKTLLELEIAE	SDVKVKEAEL	ELLKEEA-KT	RNEDTINGAK	AKVSEKQAEA	TKLEIKTDR	
			VAEAEEKVVEE	AKKKAEDQKE	KDLRNYPTNT	YKTLLELDIAE	SDVEVKKAEL	ELVKGSYRNL	ETRKKLIKQS	AKVSEKQAEA	TRLKKIKTDR	
			vaea.kkvee	akkkakdqke	ed.rnypt.t	yktleleleiae	sdv.vk.ael	el.k.ea...	rne.tl.qak	akv.s..aea	trl..iktdr	
		271										
			EEAEFE-AKR	RADAK-----	----EQGPK	GRAKRGVPGE	LATPDKKEND	AKSSDSSVGE	ETLPSPSLKP	EKKVAEAEKK	VEEAKKKAED	360
	TIGR4 R6 9V 14 18C 19F Consensus		KKAEFE-AKR	KADAKLKEAN	VATSDQCKPK	GRAKRGVPGE	LATPDKKEND	AKSSDSSVGE	ETLPSSSLKS	GKKVAEAEKK	VEEAKKKAED	
			EKAEEFEAKR	RADAKEQDES								
			EQAEAT									
			KKAEFEA									
			EQAEATLEN	IKTDREK---	---AEEAKRK	AE						
			..ae.....	.....	.....	.....	.....	.....	.....	.....	.....

Fig. 14

TIGR4 R6 4 6B 9V 14 18C 19F 23F	361	QKEEDRRNYP	TNTYKTTLELE	IAESDVGVKK	AELVLVKEEA	KEPRNEEKVK	QAKAEVESKK	AEATRLLEKIK	TDKKAEEEE	KRKAEEEE	450
		QKEEDRRNYP	TNTYKTTLDLE	IAESDVGVKE	AELVLVKEEA	KEPRDEEKIK	QAKAKVESKK	AEATRLLEKIK	TDKKAEEEE	KRKAEEEE	
				AESDVGVKK	AELVLVKEEA	KEPRNEEKVK	QAKAEVESKK	AEATRLLEKIK	TDKKAEEEE	KRKAEEEE	
			LK	LLSPMWKIKK	RSITS - KEEA	KKPLNEGTV	QAKAEVESKK	AEATRLLEKIK	TDKKAEEEE	KRKAEEEE	
				IAESDVGVKE	AELVLVKEEA	KESRNEEKIK	QAKAKVESKK	AEATRLLEKIK	TDKKAEEEE	KRKAEEEE	
				IAESDVGVKE	AELVLVKEEA	KEPRDEEKIK	QAKAEVESKK	AEATRLLEKIK	TDKKAEEEE	KRKAEEEE	
				IAESDVGVKE	AELVLVKEEA	KESRNEEKVK	QAKAKVESKK	AEATRLLEKIK	TDKKAEE - A	KRKAEEEE	
			LE	IAESDVGVKE	AELVLVKEEA	KESRNEEKVK	QAKAKVESKK	AEATRLLEKIK	TDKKAEEEE	KRKAEEEE	
Consensus				iaesdvkvke	aelelvkeea	keprneek.k	qaka.veskk	aeatrlekik	tdrkkaeeea	krkaaeedkv	
TIGR4 R6 4 6B 9V 14 18C 19F 23F	451	KEKPAEQPQP	APAPKA EKPA	-----PAP	KPENPAEQPK	AEKPA	-----	---DQQAED	YARRSEEEYN	RLTQQQPPKT	540
		KEKPAEQPQP	APATQPEKPA	-----P--	KPEKPAEQPK	AEKTD	-----	---DQQAED	YARRSEEEYN	RLTQQQPPKT	
		4	KEKPAEQPQP	APAPKA EKP-	-----APAP	KPENPAEQPK	AEKPA	-----	---DQQAED	YARRSEEEYN	
		6B	KEKPAEQPQP	APAPQPEKPT	EEPENVPAP	KPEKPAEQPK	PEKPAEQPKP	KTDQQAED	YARRSEEEYN	RLTQQQPPKP	
		9V	KEKPAEQPQP	APAPKPENPA	EEPENVPAP	KPENPAEQPK	AEKPA	-----	---DQQAED	YARRSEEEYN	
		14	KEKPAEQPQP	APAPQPEKPT	PKPEKPAEAP	KPENPAEQPK	AEKPA	-----	---DQQAED	YARRSEEEYN	
		18C	KEKPAEQPQP	APAPQPEKPT	EEPENVPAP	KPEKPAEQPK	AEKPA	-----	---DQQAED	YARRSEEEYN	
		19F	KEKPAEQPQP	APAPQPEK-	-----APAP	KPENPAEQPK	AEKPA	-----	---DQQAED	YARRSEEEYN	
		23F							VQNGMW	YFYNTDGSMA	
		Consensus	kekpaepqp	apapqpekp.	.....pap	kpenpaepqk	aecka.....	...dqqaed	yarrs#eeyn	rltqQ#ppkt	
TIGR4 R6 4 6B 9V 14 18C 19F 23F	541	EKPAQPSIPK	TGWKQENGW	YFYNTDGSMA	TGWLQNNGSW	YYLNSNGAMA	TGWLQNNGSW	YYLNANGSMA	TGWLQNNGSW	YYLNANGSMA	630
		R6	EKPAQPSIPK	TGWKQENGW	YFYNTDGSMA	YYLNANGAMA	TGWLQNNGSW	YYLNANGSMA	TGWLQNNGSW	YYLNANGAMA	
		4	EKPAQPSIPK	TGWKQENGW	YFYNTDGSMA	YYLNSNGAMA	TGWLQNNGSW	YYLNANGSMA	TGWLQNNGSW	YYLNANGSMA	
		6B	EQPAP--APK	IGWKQENGW	YFYNTDGSMA	TGWLQ--	-----	-----	-----	-----	
		9V	EQPAP--APK	IGWKQENGW	YFYNTDGSMA	YYLNSNGAMA	TGWLQNNGSW	YYLNANGSMA	TGWLQNNGSW	YYLNANGDMA	
		14	EKPAQPSIPK	TGWKQENGW	YFYNTDGSMA	YYLNANGAMA	TGWLQNNGSW	YYLNANGDMA	TGWLQNNGSW	YYLNANG---	
		18C	EKPAQPSIPK	TGWKQENGW	YFYNTDGSMA	YYLNSNGAMA	TGWLQNNGSW	YYLNANGDMA	TGWLQNNGSW	YYLNANGDMA	
		19F	EKPAQPSIPK	TGWKQENGW	YFYNTDGSMA	YYLNANGAMA	TGWLQNNGSW	YYLNANGDMA	TGWLQNNGSW	YYLNANG---	
		23F	YYLNSNGAMA	TGWLQNNGSW	YYLNSNGAMA	YYLNANGDMA	TGWLQNNGSW	YYLNANGDMA	TGWLQNNGSW	YYLNANGDMA	
		Consensus	elkpaqpstpk	tgwkQ#NGmW	Y%Ynt#GsMA	YYln.ng.ma	tgwlqnnqsw	yylnang.ma	tgwlqnnqsw	yylnang.ma	

Fig. 14

	631	720
TIGR4	TGWLQYNGSW YYLN-----	---ANGSMA TGWLQYNGSW YYLNANGDMA TGWVKDGDWTW
R6	TGWLQYNGSW YYLNSGAMA TGWLQYNGSW YYLNANGDMA TGWVKDGDWTW	TGWLQYNGSW YYLNANGDMA TGWVKDGDWTW
4	TGWLQYNGSW YYLN-----	---ANGSMA TGWLQYNGSW YYLNANGDMA TGWVKDGDWTW
6B	-----	---YNGSW YYLNANGSMA TGWVKDGDWTW
9V	TGWLQYNGSW YYLN-----	TGWLQYNGSW YYLNANGDMA TGWVKDGDWTW
14	-----	---DMA TGWLQYNGSW YYLNANGDMA TGWVKDGDWTW
18C	TGWLQYNGSW YYLN-----	TGWLQYNGSW YYLNANGDMA TGWVKDGDWTW
19F	-----	---DMA TGWLQYNGSW YYLNANGDMA TGWVKDGDWTW
23F	TGWFQYNGSW YYLN-----	TGWLQYNGSW YYLNANGSMA TDWVKDGDWTW
Consensus	tgw.qyngsw yyln	.....ngdma tgwlqyngsw YYLNANGDMA TGWVKDGDWTW

	721	769
TIGR4	YYLEASGAMK ASQWFKVSDK WYYVNGSGAL AVNTTVDGYG VNANGEWVN	
R6	YYLEASGAMK ASQWFKVSDK WYYVNGSGAL AVNTTVDGYG VNANGEWVN	
4	YYLEASGAMK ASQWFKVSDK WYYVNGSGAL AVNTTVDGYG VNANGEWVN	
6B	YYLEASGAMK ASQWFKVSDK WYYVNGSGAL AVNTTVDGYG VNANGEWVN	
9V	YYLEASGAMK ASQWFKVSDK WYYVNGSGAL AVNTTVDGYG VNANGEWVN	
14	YYLEASGAMK ASQWFKASDK WYYVNGSGAL AVNTTVDGYG VNANGEWVN	
18C	YYLEASGAMK ASQWFKVSDK WYYVNGSGAL AVNTTVDGYG VNANGEWVN	
19F	YYLEASGAMK ASQWFKASDK WYYVNGSGAL AVNTTVDGYG VNANGEWVN	
23F	YYLEASGAMK ASQWFKVSDK WYYVNGSGAL AVNTTVDGYG VNANGEWVN	
Consensus	YYLEASGAMK asqwfkvsdk wyyvngsgal avnttvdgyg vnangewvn	

Fig. 14

This Page is inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☒ BLACK BORDERS
- ☒ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☐ BLURED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☒ COLORED OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REPERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images
problems checked, please do not report the
problems to the IFW Image Problem Mailbox**